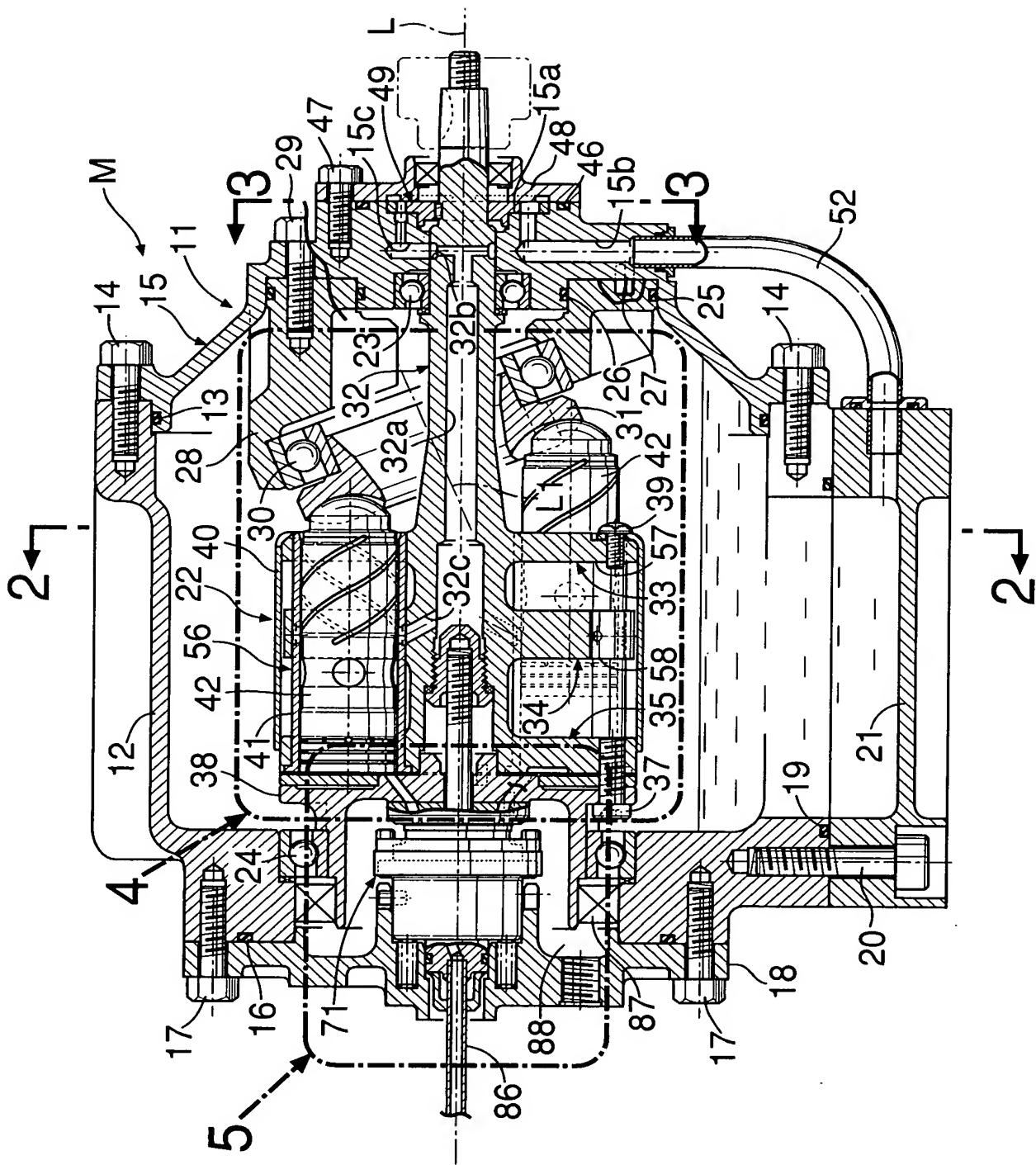
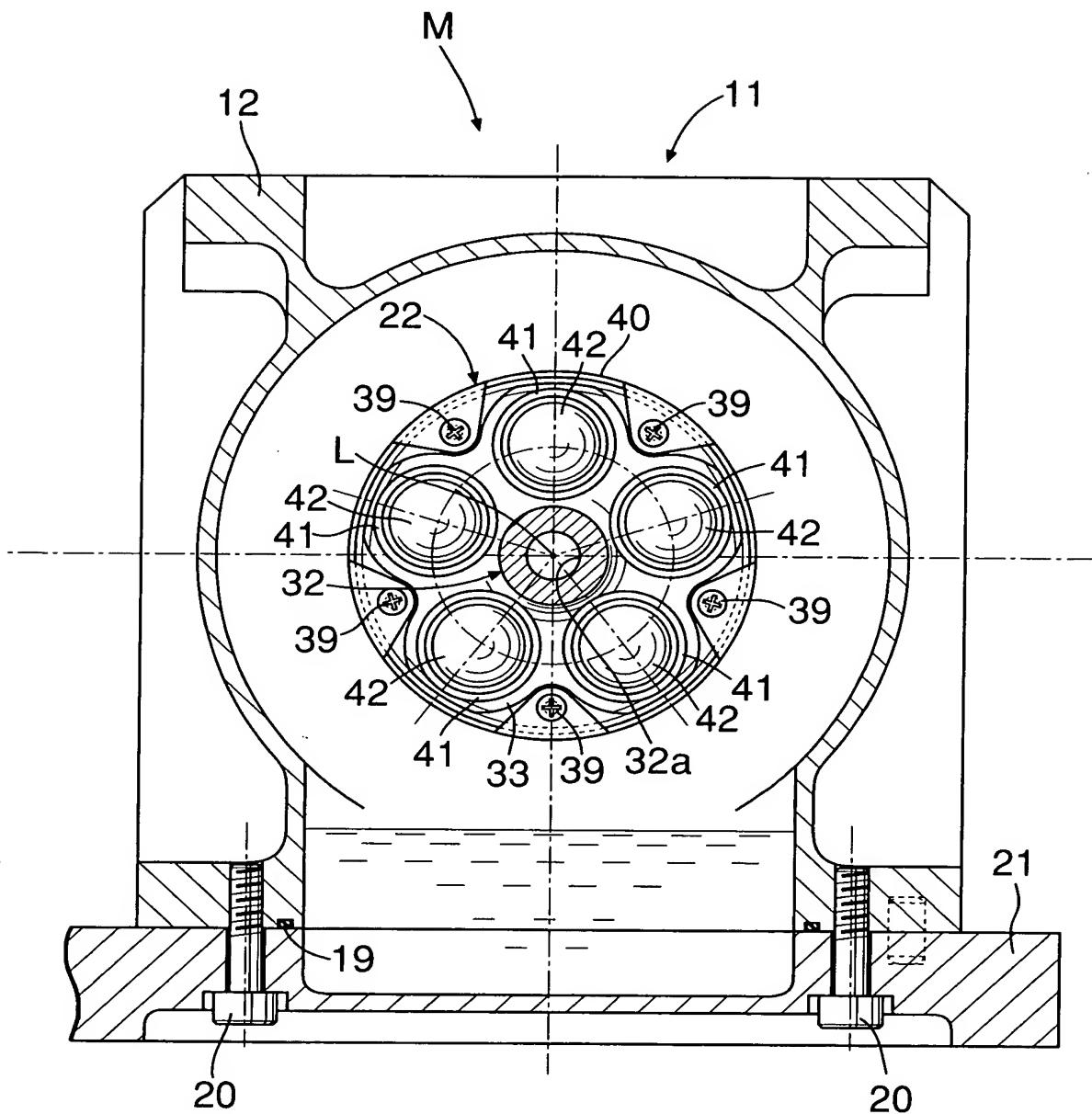


FIG.1



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FIG.2



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FIG.3

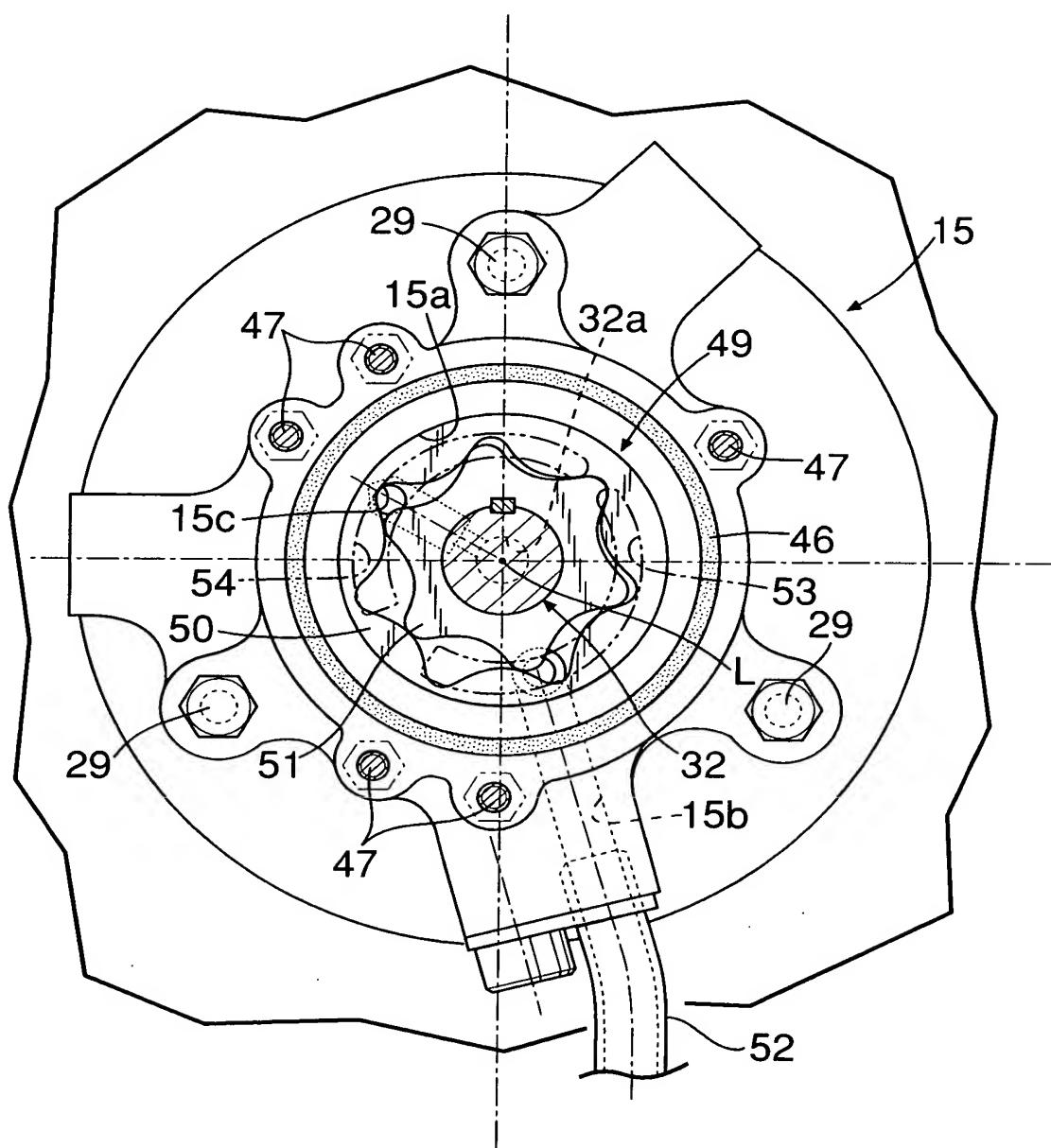
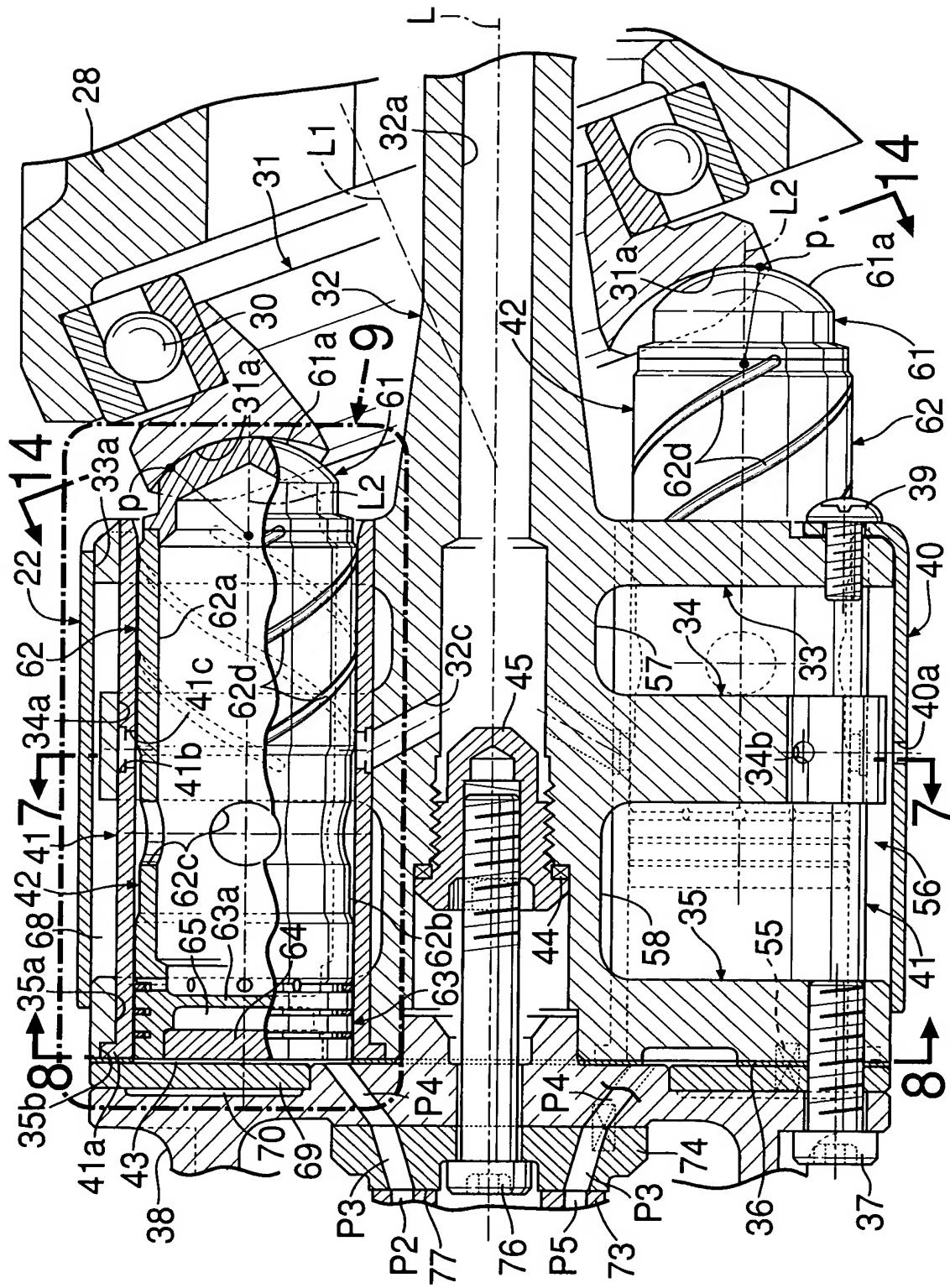


FIG. 4



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FIG.5

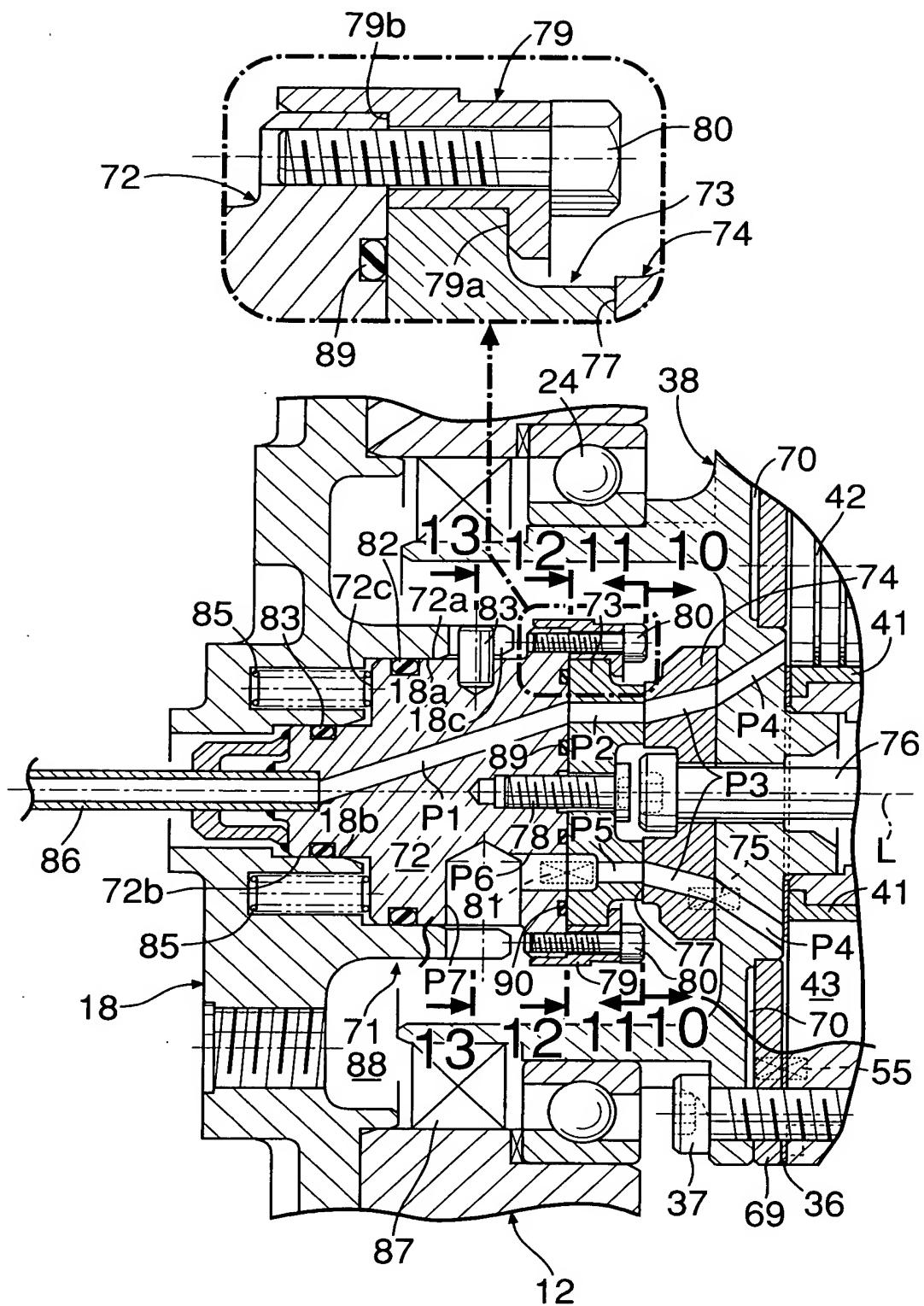
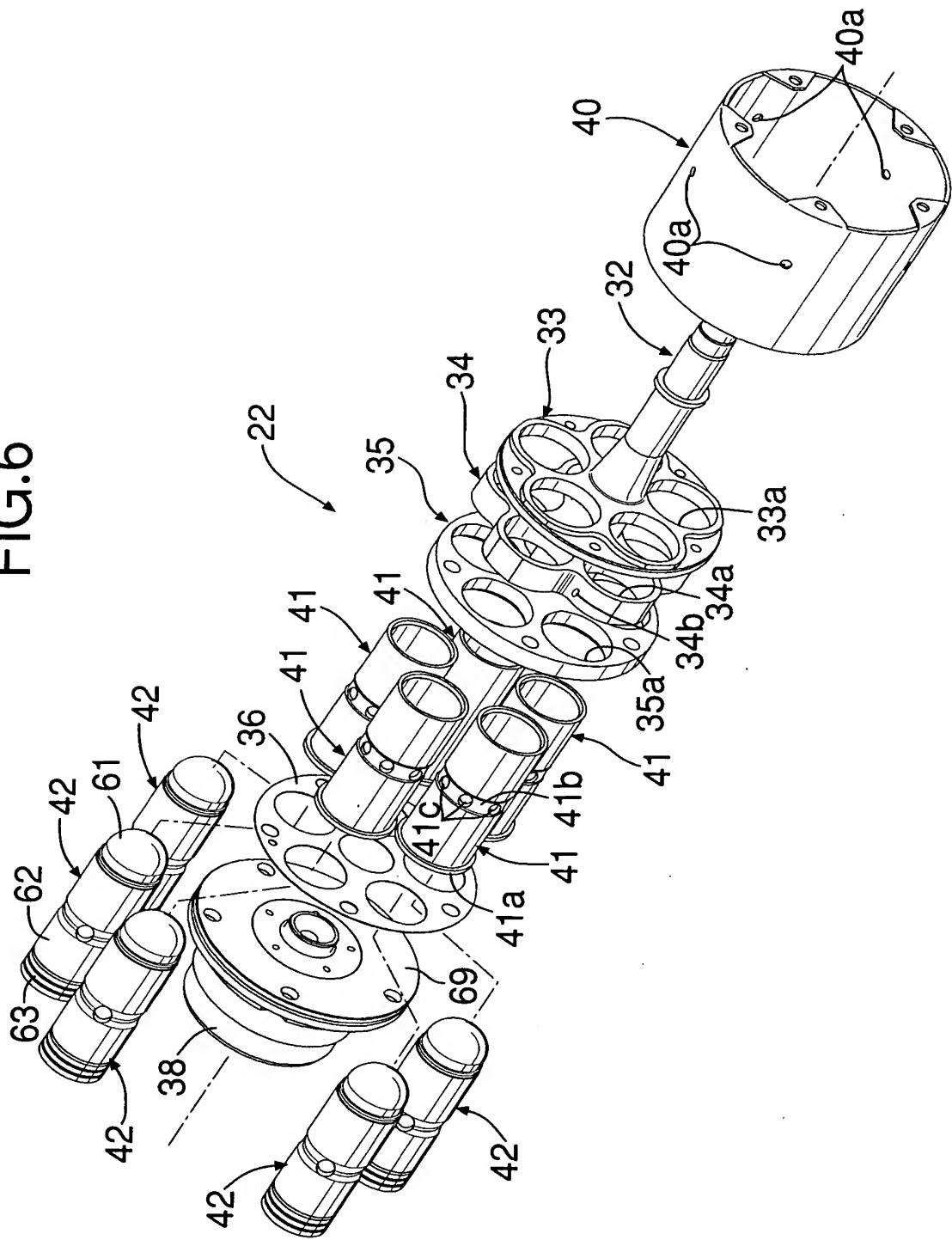
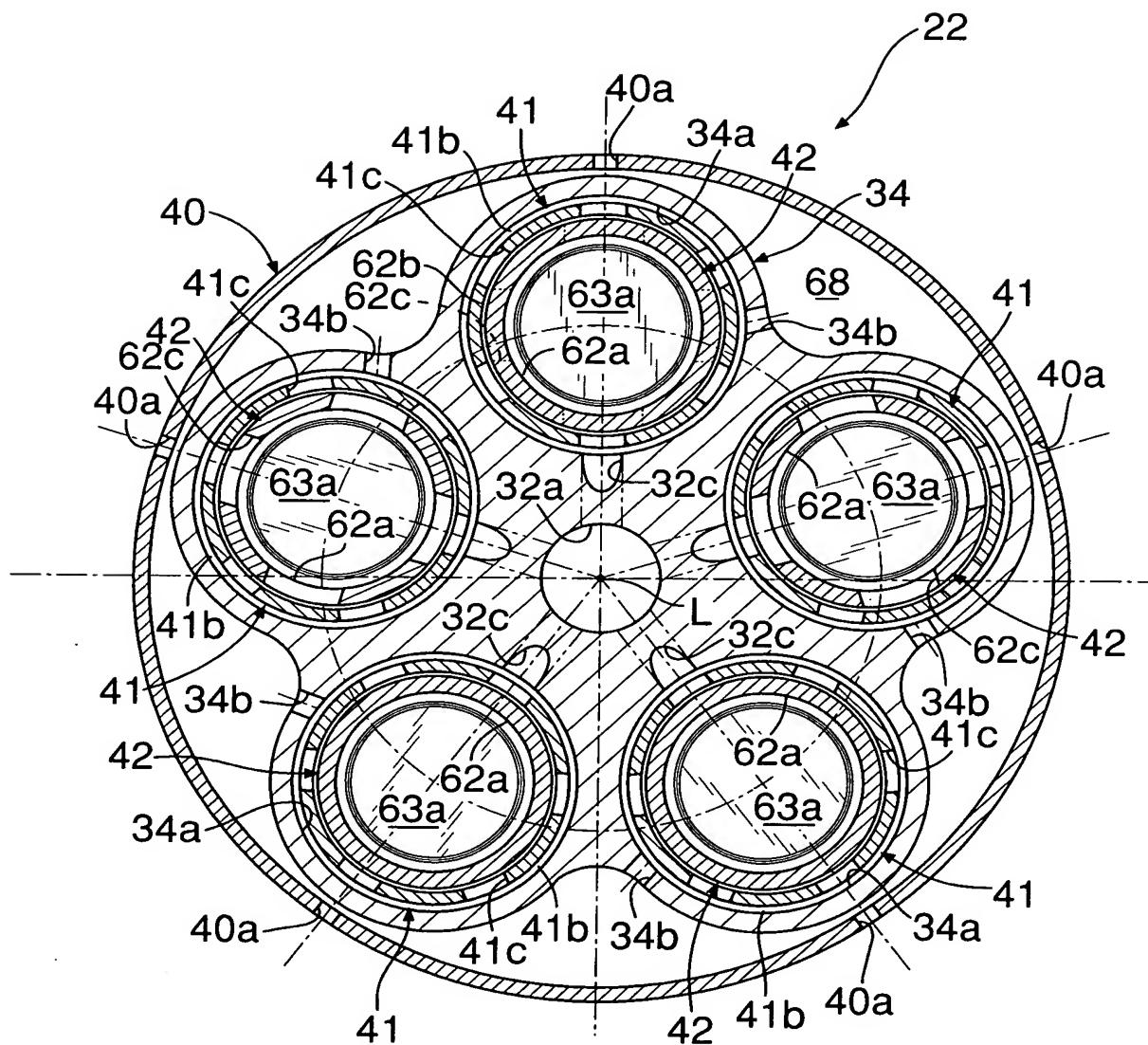


FIG. 6



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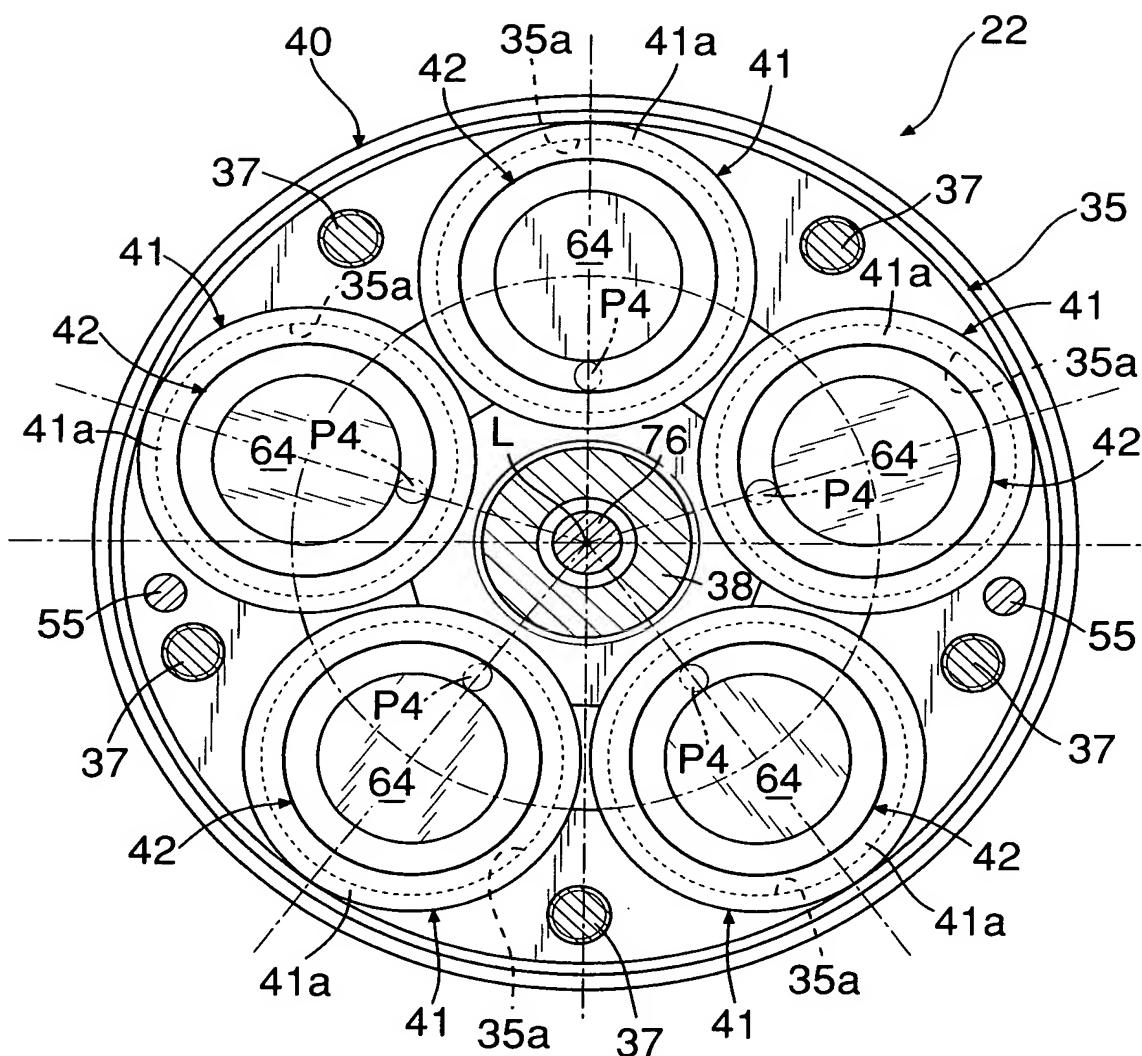
FIG.7



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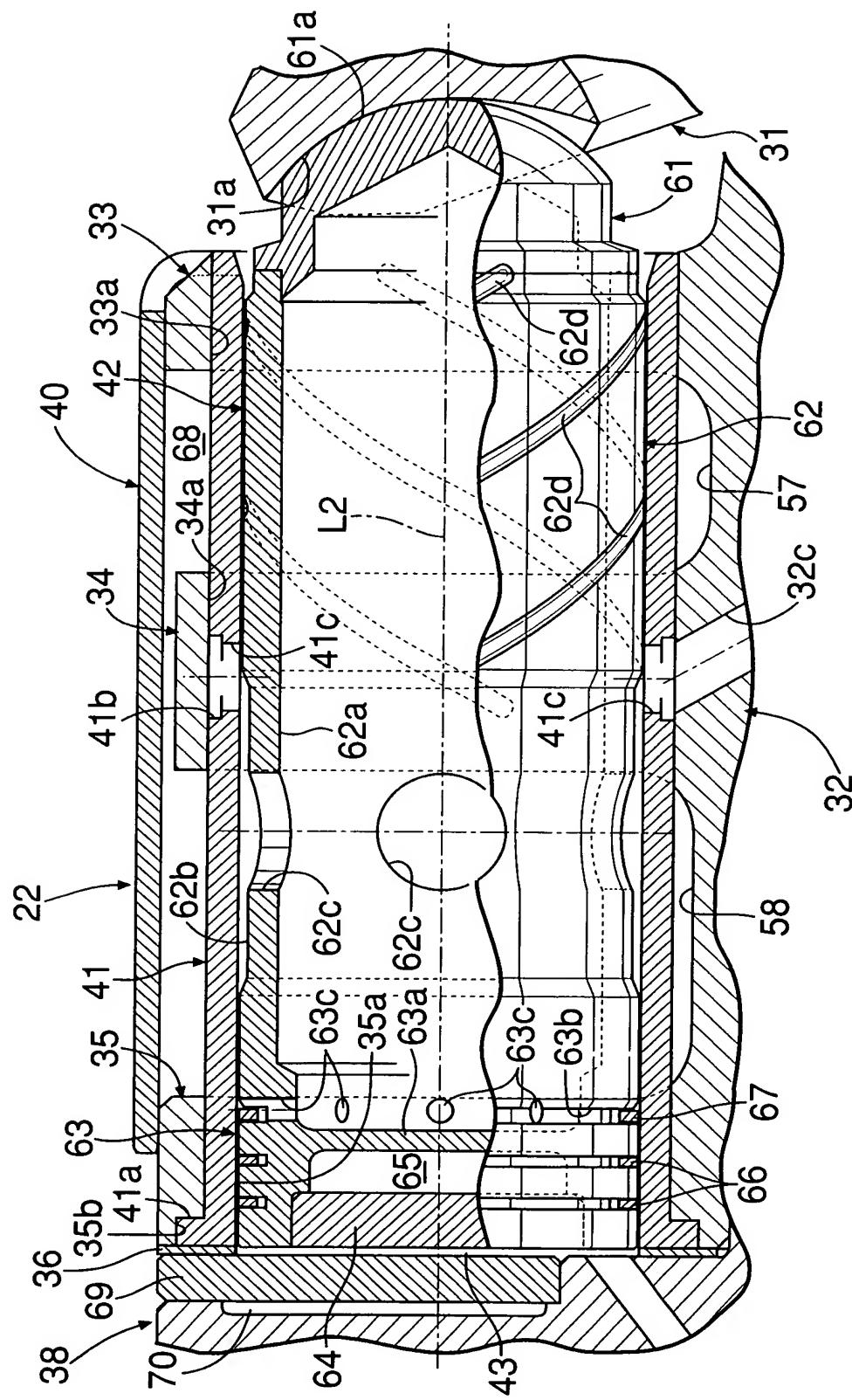
FIG.8



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FIG.9



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FIG.10

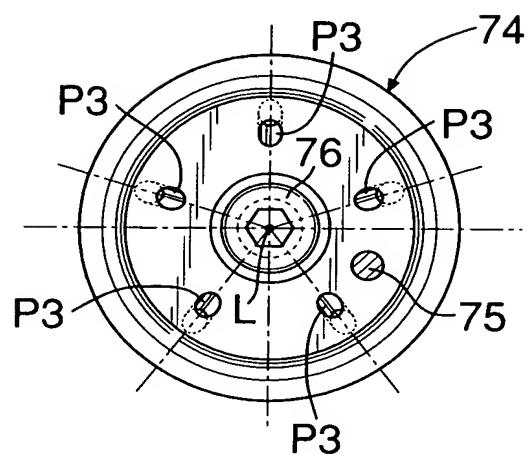
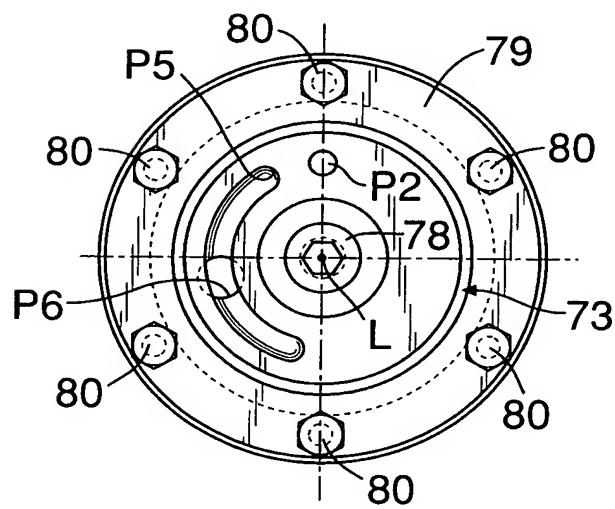


FIG.11



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FIG.12

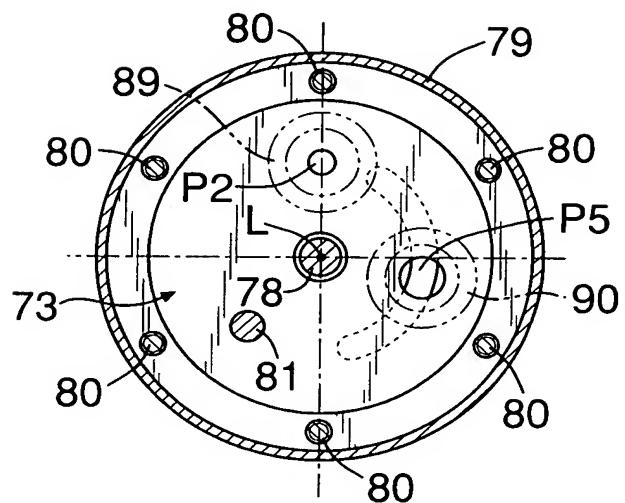
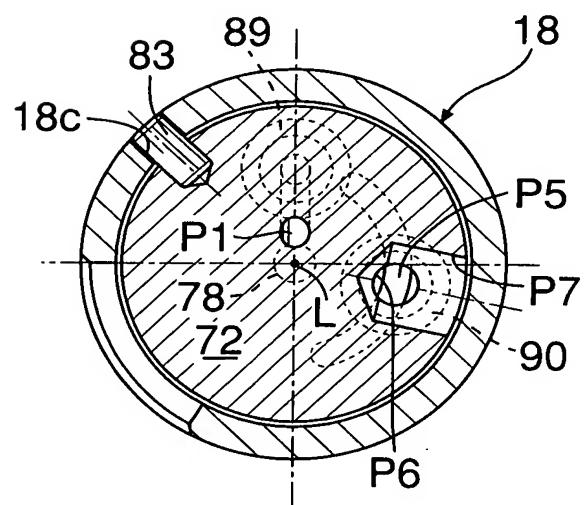
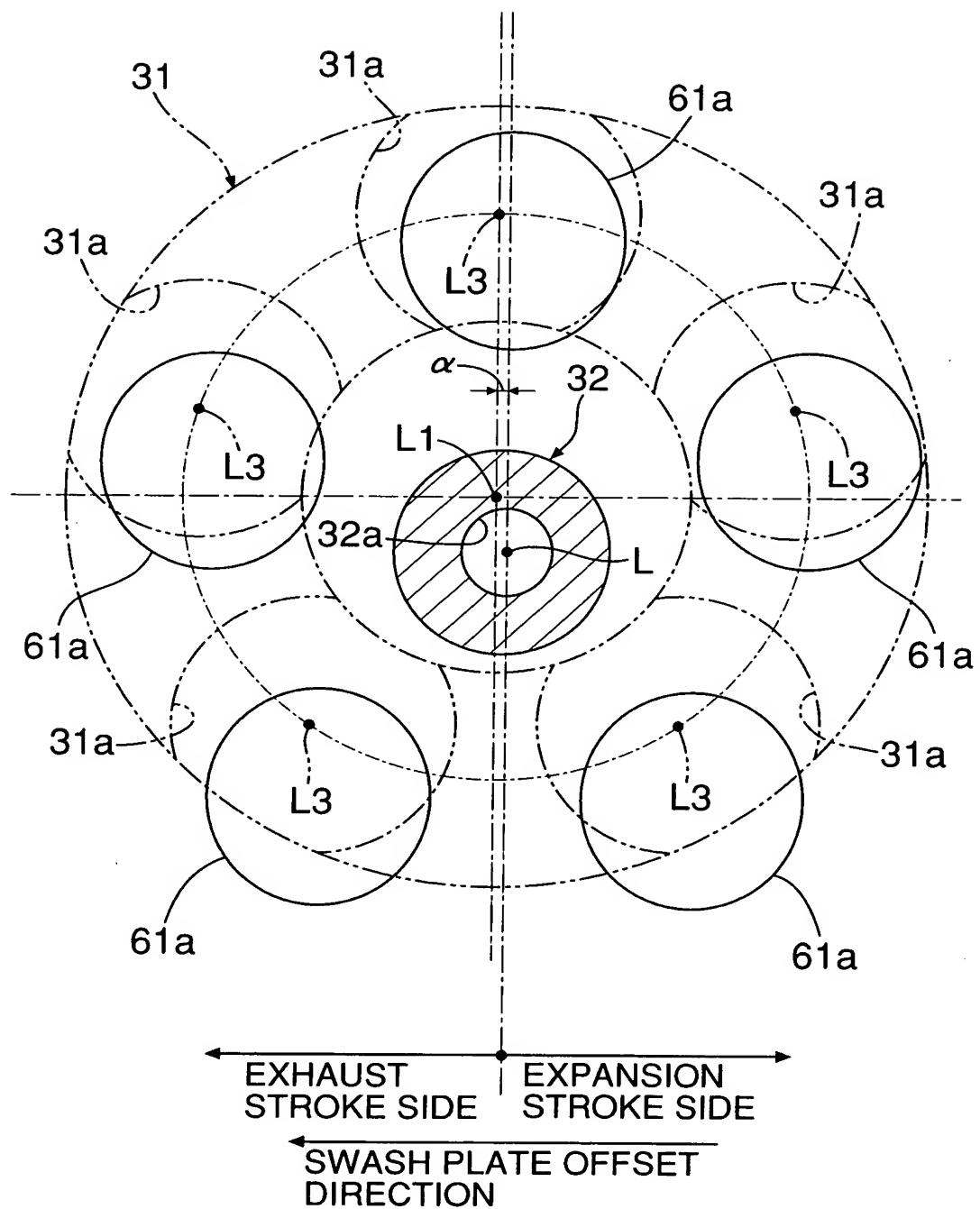


FIG.13



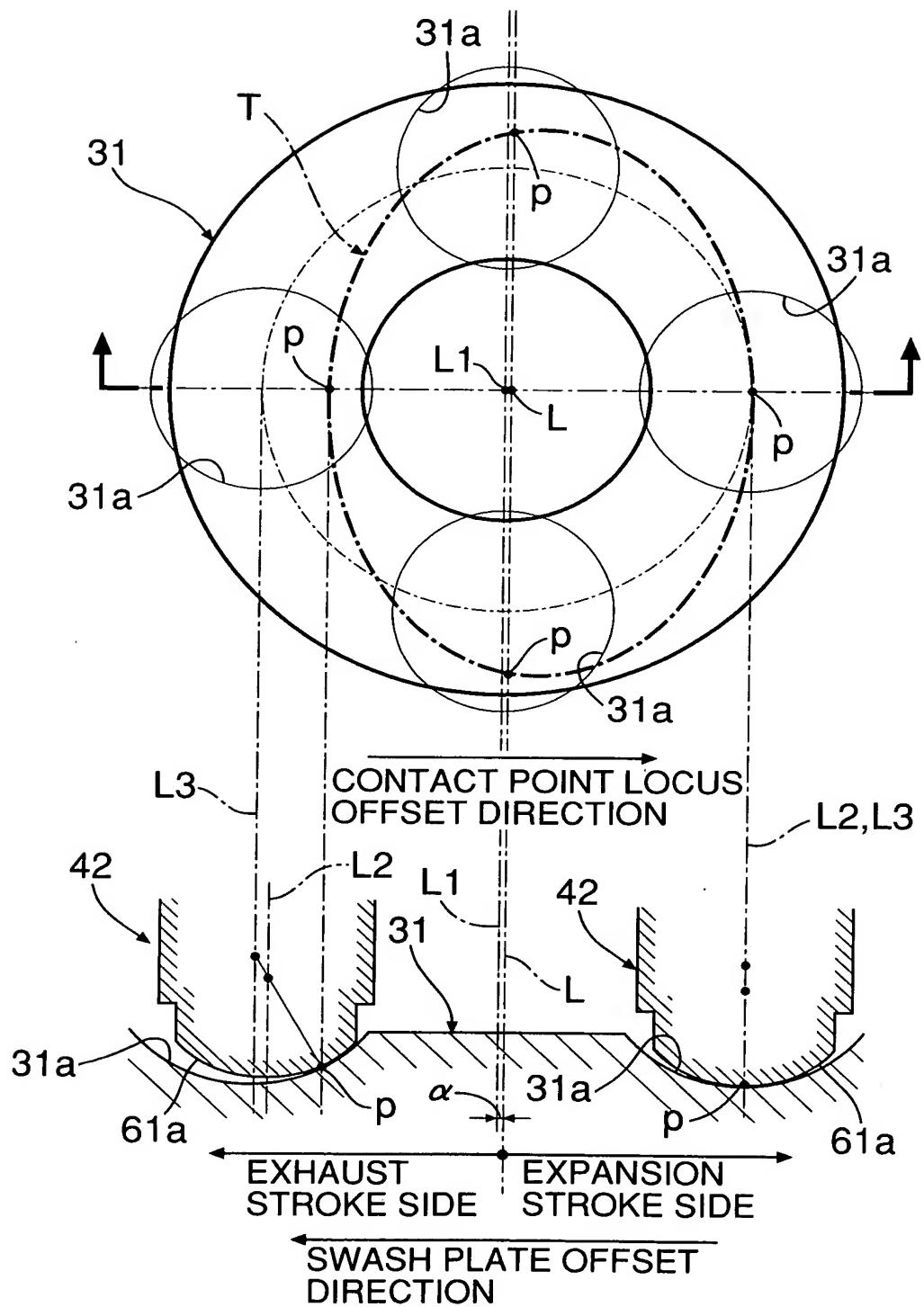
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FIG.14



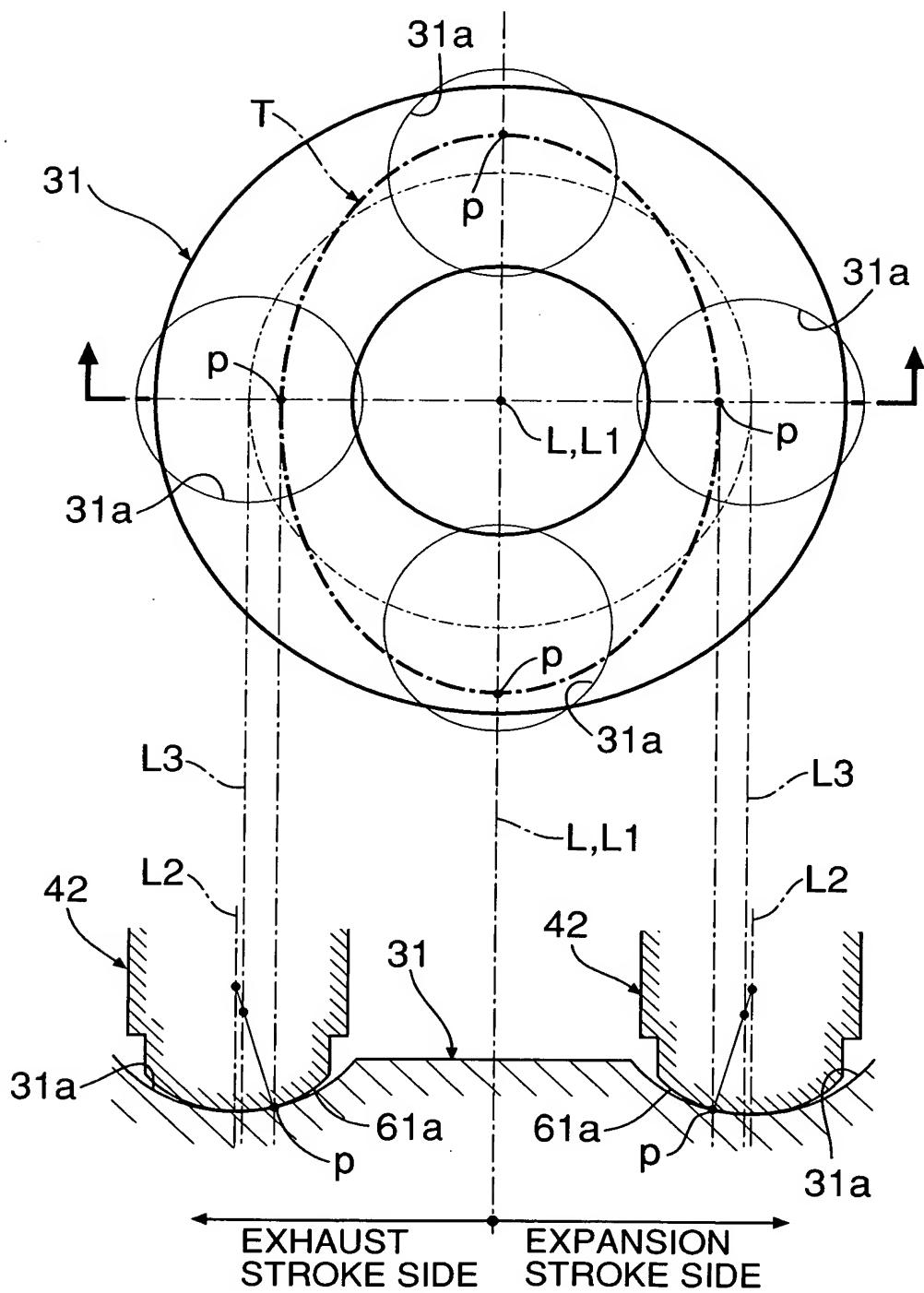
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FIG.15  
OFFSET PRESENT



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FIG.16

OFFSET NOT PRESENT

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FIG. 17

PISTON BENDING STRESS CHARACTERISTICS